TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Michigan DOT

INSTRUCTIONS:
Project Managers and/or research project investigators should complete a quarterly progress report for each calendar quarter during which the projects are active. Please provide a project schedule status of the research activities tied to each task that is defined in the proposal; a percentage completion of each task; a concise discussion (2 or 3 sentences) of the current status, including accomplishments and problems encountered, if any. List all tasks, even if no work was done during this period.

Transportation Pooled Fund Program Project # *(i.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX)* TPF-5(490)	**Transportation Pooled Fund Program - Report Period:** ☑ Quarter 1 (January 1 – March 31) ☐ Quarter 2 (April 1 – June 30) ☐ Quarter 3 (July 1 – September 30) ☐ Quarter 4 (October 1 – December 31)	
Project Title: Evaluating New Technologies for Roads Program Initiatives in Safety and Efficiency- ENTERPRISE[PHASE II]		
Name of Project Manager(s): Elise Feldpausch	**Phone Number:** 517-636-0036	**E-Mail** FeldpauschE1@michigan.gov
Lead Agency Project ID: OR22-204	**Other Project ID (i.e., contract #):** 2018-0172	**Project Start Date:** 10/1/21
Original Project End Date: 9/30/2026	**Current Project End Date:** 9/30/2026	**Number of Extensions:** 0

Project schedule status:

☑ On schedule ☐ On revised schedule ☐ Ahead of schedule ☐ Behind schedule

Overall Project Statistics:

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
$865.000.00	$1,637.76	1%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$1,637.76 and 1%	$1,637.76	10%

Project Description:

TPF-5(490) is a continuation of TPF-5(359) led by the Michigan Department of Transportation. This pooled fund federal project originated under the project titled "ENTERPRISE Group" that was established in 1991. Each year, partner members contribute funds in support of ITS projects of mutual interest.

Selected research studies/projects typically involve private sector partners contracted to work with designated member agencies. An administrative contract, currently with CTC & Associates LLC, covers project management, meeting planning, website and other tasks. Over time ENTERPRISE has grown into a multi-national consortium dedicated to the advancement of ITS. The consortium provides a focus for coordinating ITS developments and sharing results within and outside the ENTERPRISE program.

Primary Focus:
To enhance innovation in highway operations and intelligent transportation systems through research and technology transfer, as well as to continue assessing transformational technologies and their impact on the transportation industry.

Objectives:
Primary Projects
1. State of the Art Roadway Sensors – Phase 1
2. New Methods of Traffic Data Collection
3. Potential Approaches for Wrong Way Driving Applications – Phase 2
4. Procurement Specification for Physical Security of ITS
5. Novel Uses of Unmanned Aerial Systems in ITS
6. State of the Art of Roadway Sensors – Phase 2

Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):

A Board teleconference was held on March 16, 2022. CTC & Associates created agendas, took notes, and finalized, distributed and posted meeting minutes.

CTC & Associates updated the ENTERPRISE website with with current information. (http://enterprise.prog.org)

CTC & Associates provided assistance to MDOT on members' pooled fund commitments and transfers.

CTC & Associates is assisting MDOT and the Board with preparations for the Phase III of the pooled fund study.

CTC & Associates marketed the MDOT RFP posting for a research contract to several ITS-related national organizations.

Anticipated work next quarter:

The Board will hold monthly teleconferences on April 20, May 18 and June 15, 2022. CTC & Associates will create agendas, take notes, and finalize, distribute and post meeting minutes.

CTC & Associates will keep track of the steps on the transition to a new pooled fund and assist with the closeout of the current study.

CTC & Associates will begin planning for the August 2022 in-person Board meeting/new research contract kick-off meeting to be held in Milwaukee, WI. Activities will include setting final dates, creating/distributing a travel memo/draft agenda to assist members secure travel approval, and secure lodging and a meeting space.

Significant Results:

See Progress This Quarter section.

Circumstance affecting project or budget. (Please describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope and fiscal constraints set forth in the agreement, along with recommended solutions to those problems).

None

Potential Implementation:

To be determined as individual projects progress.